

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30				1. REQUISITION NUMBER 4200549749		PAGE OF 1 12	
2. CONTRACT NO. TBD		3. AWARD/ EFFECTIVE DATE	4. ORDER NUMBER TBD		5. SOLICITATION NUMBER NNK15549749Q		6. SOLICITATION ISSUE DATE 06/24/2015
7. FOR SOLICITATION INFORMATION CALL:		a. NAME Louis Patalano			b. TELEPHONE NUMBER (No collect calls) 321-867-2252		8. OFFER DUE DATE/LOCAL TIME 07/06/2015 1000 ET
9. ISSUED BY NASA/John F. Kennedy Space Center Office of Procurement MAIL CODE OP KENNEDY SPACE CENTER FL 32899				10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED OR <input checked="" type="checkbox"/> SET ASIDE: 100.00 % FOR: <input checked="" type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> EDWOSB <input type="checkbox"/> 8(A) NAICS: 482112 SIZE STANDARD: 500			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS NT30		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) <input type="checkbox"/>		13b. RATING	
15. DELIVER TO NASA/Kennedy Space Center NASA Transportation Officer/Receiving Bldg. M6-0744 Kennedy Space Center FL 32899				16. ADMINISTERED BY NASA/Kennedy Space Center Office of Procurement MAIL CODE OP KENNEDY SPACE CENTER FL 32899			
17a. CONTRACTOR/OFFEROR		18a. PAYMENT WILL BE MADE BY					
TELEPHONE NO.				18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER <input type="checkbox"/>							
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
001	KSC Rail Operations in accordance with the attached Statement of Work (SOW)						
				(Use Reverse and/or Attach Additional Sheets as Necessary)			
25. ACCOUNTING AND APPROPRIATION DATA						26. TOTAL AWARD AMOUNT (For Govt. Use Only)	
<input checked="" type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA						<input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED. <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.	
<input type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.				<input type="checkbox"/> 29. AWARD OF CONTRACT: _____ OFFER DATED _____. YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:			
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)			
30b. NAME AND TITLE OF SIGNER (Type or print)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (Type or print)		31c. DATE SIGNED	
				Marco Pochy			

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE		32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	
32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE			32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE	
			32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE	
33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				
38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY		
41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT			42a. RECEIVED BY (<i>Print</i>)	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER		41c. DATE	42b. RECEIVED AT (<i>Location</i>)	
			42c. DATE REC'D (YY/MM/DD)	42d. TOTAL CONTAINERS

KSC RAIL SYSTEM OPERATIONS - REQUEST FOR QUOTE

1.0 CONTINUATION OF SF 1449

The National Aeronautics and Space Administration (NASA) Kennedy Space Center (KSC) has a requirement for rail system operations as described in the attached Statement of Work (SOW).

The period of performance is from December 01, 2015 through March 31, 2016.

The Offeror shall submit the following elements in their quote to be considered responsive and is limited to five (5) pages:

1. A technical approach for performing the requirements of the SOW, including:
 - a. The resources, personnel and equipment required; and,
 - b. The specific processes and procedures required to perform each section of the SOW.
2. Relevant experience in the past five (5) years performing rail system operations at other comparable sites of a similar scope and complexity. The Offeror shall provide three (3) separate examples with references.
3. The Offeror shall provide a total price required for all work required to perform the SOW. If the Government determines that, due to unrealistically low or significantly understated rates, there is an unreasonably high risk of default, such determination could serve as a basis for non-selection.

One award will be made to the offeror with the lowest price technically acceptable quote. Technical acceptability will be based on the offeror's technical approach and relevant experience (numbers 1 and 2 above).

The Government intends to evaluate the lowest priced quote first and, if it is determined to be technically acceptable, make an award to that offeror. In the event that the lowest priced quote is not technically acceptable, the second lowest priced quote will be evaluated and, if it is determined to be technically acceptable, an award will be made to that offeror. This process will continue until the lowest priced technically acceptable quote is identified.

2.0 ATTACHMENTS

Attachment 1: Statement of Work

KSC RAIL SYSTEM OPERATIONS - REQUEST FOR QUOTE

3.0 TERMS AND CONDITIONS

3.1 FAR 52.204-7 System for Award Management (JUL 2013)

3.2 FAR 52.204-13 System for Award Management Maintenance (JUL 2013)

3.3 FAR 52.204-9 Personal Identity Verification of Contractor Personnel (JAN 2011)

3.4 FAR 52.212-5 Contract Terms and Conditions Required To Implement Statutes or Executive Orders - Commercial Items. (MAY 2014)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Public Laws 108-77 and 108-78 (19 U.S.C. 3805 note)).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (Contracting Officer check as appropriate.)

☒ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEP 2006), with Alternate I (OCT 1995) (41 U.S.C. 4704 and 10 U.S.C. 2402).

☐ (2) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010) (41 U.S.C. 3509).

☐ (3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

☒ (4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (JUL 2013) (Pub. L. 109-282) (31 U.S.C. 6101 note).

(5) (Reserved)

☐ (6) 52.204-14, Service Contract Reporting Requirements (JAN 2014) (Pub. L. 111-117, section 743 of Div. C).

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☐ (7) 52.204-15, Service Contract Reporting Requirements for Indefinite-Delivery Contracts (JAN 2014) (Pub. L. 111-117, section 743 of Div. C).

☒ (8) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment. (AUG, 2013) (31 U.S.C. 6101 note).

☐ (9) 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (JUL 2013) (41 U.S.C. 2313).

☒ (10) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (MAY 2012) (section 738 of Division C of Pub. L. 112-74, section 740 of Division C of Pub. L. 111-117, section 743 of Division D of Pub. L. 111-8, and section 745 of Division D of Pub. L. 110-161).

☐ (11) 52.219-3, Notice of HUBZone Set-Aside or Sole-Source Award (NOV 2011) (15 U.S.C. 657a).

☐ (12) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JAN 2011) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

☐ (13) (Reserved)

☒ (14)(i) 52.219-6, Notice of Total Small Business Set-Aside (NOV 2011) (15 U.S.C. 644).

☐ (ii) Alternate I (NOV 2011).

☐ (iii) Alternate II (NOV 2011).

☐ (15)(i) 52.219-7, Notice of Partial Small Business Set-Aside (JUN 2003) (15 U.S.C. 644).

☐ (ii) Alternate I (OCT 1995) of 52.219-7.

☐ (iii) Alternate II (MAR 2004) of 52.219-7.

☒ (16) 52.219-8, Utilization of Small Business Concerns (MAY 2014) (15 U.S.C. 637(d)(2) and (3)).

☐ (17)(i) 52.219-9, Small Business Subcontracting Plan (JUL 2013) (15 U.S.C. 637(d)(4)).

☐ (ii) Alternate I (OCT 2001) of 52.219-9.

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☐ (iii) Alternate II (OCT 2001) of 52.219-9.

☒ (18) 52.219-13, Notice of Set-Aside of Orders (NOV 2011) (15 U.S.C. 644(r)).

☐ (19) 52.219-14, Limitations on Subcontracting (NOV 2011) (15 U.S.C. 637(a)(14)).

☐ (20) 52.219-16, Liquidated Damages-Subcontracting Plan (JAN 1999) (15 U.S.C. 637(d)(4)(F)(i)).

☐ (21)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (OCT 2008) (10 U.S.C. 2323)(if the offeror elects to waive the adjustment, it shall so indicate in its offer.)

☐ (ii) Alternate I (JUN 2003) of 52.219-23.

☐ (22) 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting (JUL 2013) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

☐ (23) 52.219-26, Small Disadvantaged Business Participation Program-Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

☐ (24) 52.219-27, Notice of Service-Disabled Veteran-Owned Small Business Set-Aside (NOV 2011) (15 U.S.C. 657f).

☒ (25) 52.219-28, Post Award Small Business Program Representation (JUL 2013) (15 U.S.C. 632(a)(2)).

☐ (26) 52.219-29, Notice of Set-Aside for Economically Disadvantaged Women-Owned Small Business (EDWOSB) Concerns (JUL 2013) (15 U.S.C. 637(m)).

☐ (27) 52.219-30, Notice of Set-Aside for Women-Owned Small Business (WOSB) Concerns Eligible Under the WOSB Program (JUL 2013) (15 U.S.C. 637(m)).

☒ (28) 52.222-3, Convict Labor (JUN 2003) (E.O. 11755).

☒ (29) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (JAN 2014) (E.O. 13126).

☒ (30) 52.222-21, Prohibition of Segregated Facilities (FEB 1999).

☒ (31) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

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☒ (32) 52.222-35, Equal Opportunity for Veterans (SEP 2010) (38 U.S.C. 4212).

☒ (33) 52.222-36, Equal Opportunity for Workers with Disabilities (JUL 2014)

☒ (34) 52.222-37, Employment Reports on Veterans (SEP 2010) (38 U.S.C. 4212).

☒ (35) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496).

☒ (36) 52.222-54, Employment Eligibility Verification (AUG 2013). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)

☐ (37)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (MAY 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

☐ (ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

☐ (38) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007) (42 U.S.C. 8259b).

☐ (39)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007) (E.O. 13423).

☐ (ii) Alternate I (DEC 2007) of 52.223-16.

☒ (40) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging While Driving (AUG 2011)

☐ (41) 52.225-1, Buy American-Supplies (MAY 2014) (41 U.S.C. chapter 83).

☒ (42)(i) 52.225-3, Buy American-Free Trade Agreements-Israeli Trade Act (MAY 2014) (41 U.S.C. chapter 83, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, 19 U.S.C. 4001 note, Pub. L. 103-182, 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, 110-138, 112-41, 112-42, and 112-43.

☐ (ii) Alternate I (MAY 2014) of 52.225-3.

☐ (iii) Alternate II (MAY 2014) of 52.225-3.

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☐ (iv) Alternate III (MAY 2014) of 52.225-3.

☐ (43) 52.225-5, Trade Agreements (NOV 2013) (19 U.S.C. 2501, *et seq.*, 19 U.S.C. 3301 note).

☒ (44) 52.225-13, Restrictions on Certain Foreign Purchases (JUN 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury.

☐ (45) 52.225-26, Contractors Performing Private Security Functions Outside the United States (JUL 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

☐ (46) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (NOV 2007) (42 U.S.C. 5150).

☐ (47) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (NOV 2007) (42 U.S.C. 5150).

☐ (48) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002) (41 U.S.C. 4505, 10 U.S.C. 2307(f)).

☐ (49) 52.232-30, Installment Payments for Commercial Items (OCT 1995) (41 U.S.C. 4505, 10 U.S.C. 2307(f)).

☒ (50) 52.232-33, Payment by Electronic Funds Transfer - System for Award Management (JUL 2013) (31 U.S.C. 3332).

☐ (51) 52.232-34, Payment by Electronic Funds Transfer - Other than System for Award Management (JUL 2013) (31 U.S.C. 3332).

☐ (52) 52.232-36, Payment by Third Party (MAY 2014) (31 U.S.C. 3332).

☐ (53) 52.239-1, Privacy or Security Safeguards (AUG 1996) (5 U.S.C. 552a).

☐ (54)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631).

☐ (ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (Contracting Officer check as appropriate.)

☐ (1) 52.222-41, Service Contract Labor Standards (MAY 2014) (41 U.S.C.

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chapter 67).

[] (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

[] (3) 52.222-43, Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (Multiple Year and Option Contracts) (MAY 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

[] (4) 52.222-44, Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (MAY 2014) (29 U.S.C 206 and 41 U.S.C. chapter 67).

[] (5) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Requirements (MAY 2014) (41 U.S.C. chapter 67).

[] (6) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Requirements (MAY 2014) (41 U.S.C. chapter 67).

[] (7) 52.222-17, Nondisplacement of Qualified Workers (MAY 2014) (E.O. 13495).

[] (8) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAY 2014) (42 U.S.C. 1792).

[] (9) 52.237-11, Accepting and Dispensing of \$1 Coin (SEP 2008) (31 U.S.C. 5112(p)(1)).

(d) *Comptroller General Examination of Record.* The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records - Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the

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disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) of this paragraph in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause-

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010) (41 U.S.C. 3509).

(ii) 52.219-8, Utilization of Small Business Concerns (MAY 2014) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$650,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) 52.222-17, Nondisplacement of Qualified Workers (MAY 2014) (E.O. 13495). Flow down required in accordance with paragraph (l) of FAR clause 52.222-17.

(iv) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

(v) 52.222-35, Equal Opportunity for Veterans (SEP 2010) (38 U.S.C. 4212).

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (OCT 2010) (29 U.S.C. 793).

(vii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.

(viii) 52.222-41, Service Contract Labor Standards (MAY 2014) (41 U.S.C. chapter 67).

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C.

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7104(g)).

___Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(x) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Requirements (MAY 2014) (41 U.S.C. chapter 67).

(xi) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Requirements (MAY 2014) (41 U.S.C. chapter 67).

(xii) 52.222-54, Employment Eligibility Verification (AUG 2013).

(xiii) 52.225-26, Contractors Performing Private Security Functions Outside the United States (JUL 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

(xiv) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAY 2014) (42 U.S.C. 1792). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xv) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

3.5 NFS 1852.215-84 Ombudsman (NOV 2011)

3.6 NFS 1852.219-76 NASA 8 Percent Goal (JUL 1997)

3.7 NFS 1852.237-70 Emergency Evacuation Procedures (DEC 1988)

3.8 NFS 1852.237-73 Release of Sensitive Information (JUN 2005)

3.9 NFS 1852.242-72 Observance of Legal Holidays (AUG 1992)

3.10 KSC 52.204-96 Security Controls For KSC and CCAFS (APR 2010)

3.11 KSC 52.242-90 Controls Applicable To Contractors' Activities (SEP 2012)

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The Contractor shall comply with the publications below, and subsequent revision thereof, that the Contracting Officer has indicated as being incorporated in this contract by reference. These publications prescribe regulatory and procedural criteria which are applicable to this contract. The contractor shall promptly take corrective action upon notice of noncompliance from the Contracting Officer or his/her authorized representative(s) with any provision of the publications listed below.

The following compliance documents may be found at:

<http://tdglobal.ksc.nasa.gov/ReferencedDocuments/>

Publication	Title
KNPR 8715.2	Comprehensive Emergency Management Plan
KNPR 1600.1	KSC Security Procedural Requirements
KNPR 8500.1	KSC Environmental Requirements
KNPR 8715.3-1	KSC Safety Procedural Requirements Volume 1, Safety Procedural Requirements for Civil Servants/NASA Contractors

Publication	Title
KNPR 6000.1	Transportation Support System
KNPR 8830.1	Facilities and Real Property Management Procedural Requirements

(End of clause)

STATEMENT OF WORK

1.0 INTRODUCTION

Services to conduct the operations of the Kennedy Space Center (KSC) rail system and the National Aeronautics and Space Administration (NASA) rail assets from the Jay Jay Yard holding site in Titusville, Florida, to various areas on KSC are needed. The KSC rail system is required to transport the Space Launch System (SLS) Solid Rocket Booster Segments that will be delivered and staged at the Jay Jay Yard site from the manufacturer in Utah via rail. There are approximately 40 miles of rail track on KSC property of which only 32.5 miles of track are considered active and will be used for this requirement. The KSC rail system incorporates tight turns compared to off-site, mainline tracks. A small switcher locomotive or equivalent is required to navigate the KSC rail system.

2.0 BOOSTER & SPACER RAILCAR TRANSPORT DESCRIPTION AND REQUIREMENTS

The requirements are based on NASA SLS Program requirements. The current schedule plans for one shipment of inert Booster Segments sometime in December 2015 - March 2016 to KSC; duration is (2) Weeks from delivery until empty Booster rail cars are delivered to Jay Jay Yard to be transport back to manufacture. Contractor will be notified at least one month in advance of actual date.

3.0 INITIAL SUPPORT REQUIREMENT

The contractor shall provide all necessary resources, personnel and equipment, to perform all Booster Segments movements at KSC as specified herein. The contractor shall follow Department of Transportation (DOT) Transportation Regulations¹. Contractor shall provide a small switcher locomotive or equivalent is required at KSC due to the tight turns indicated above along with a spacer car, required between Segments and small switcher locomotive or equivalent to distribute the load over the Jay Jay Bridge. The contractor shall describe in detail the concept of operations utilizing contractor's equipment that will be used to navigate the KSC rail system and its availability to meet the NASA requirements described herein. The contractor will be escorted by KSC NASA personnel as required during operations.

The contractor shall use the small switcher locomotive or equivalent, proceed to, and hook-up Segment railcars at the Jay Jay Yard site and transport all (2) booster segments along with (1) contractor spacer.

- The contractor shall transport each Booster Segment one at a time over the Jay Jay Bridge to the East Wilson Yard staging site. (6.3 mile one way transit)

¹ A spacer car is required between any locomotive used and the first Booster Segment car for crossing the Jay Jay Bridge due to weight restrictions and one spacer car for transporting to RPSF.

- This task will invoke the use of multiple manual track switching to track spurs for staging.
- Once second Booster Segment railcar is at East Wilson Yard, the contractor shall hook-up both Booster segment rail cars and transport the Booster segment railcars to the Suspect Siding staging site utilizing the spacer car provided by the contractor between the locomotive and the Booster cars. (8.0 mile total transit)
- This task requires one manual track switching from the spur to mainline.

4.0 FOLLOW-ON RAILCAR MOVEMENTS ON-SITE

The contractor shall provide all necessary resources to perform the follow-on hook-up and delivery of individual segment railcars.

- As requested, the contractor shall hook-up and deliver each Booster segment railcar individually from the Suspect Siding staging site to the Rotation Processing and Surge Facility (RPSF) again utilizing the contractor provided spacer car. (4.5 mile transit – 5 or 10 trips)
 - This task will require multiple use of manual switching from mainline to spurs.
 - Delivery to the RPSF may be delayed by days pending readiness and segment offloading operations at the RPSF.
- After each Booster segment is off-loaded in the RPSF, the contractor shall re-hook the emptied segment railcar from the RPSF and deliver each to the LMF area until all (2) emptied segment cars are staged. (1.4 mile transit – 5 or 10 trips)
 - This movement shall be accomplished hooked to the spacer car for transit to the Suspect Siding for coupling of the next Booster car.
 - This task will require multiple use of manual track switching from mainline to spurs.
- Once the last emptied Booster car is moved to the LMF area, the contractor shall hook-up and transport all empty segment railcars from the LMF area and deliver to the Jay Jay Yard for shipment back to Utah. This completes movements for one mission. (12.5 mile transit)

5.0 GENERAL KSC RAIL SYSTEMS OPERATIONAL RESTRICTIONS

- A KSC representative familiar with the rail system and operating rules shall:
 - Accompany any train operations that operates on the section of track between Jay-Jay Yard and Suspect siding

- arrange for the bridge lowering and gate openings to allow access to KSC
 - Brief the Rail Operations Crew on rules that apply between Suspect Siding, the RPSF and the LMF area to allow routine daily operations without having a representative present for all locomotive moves.
- Speed limit is 25 mph, except as follows:
 - In congested areas, over switches, and other situations as prudent, speed limit is 15 mph
 - On the Jay-Jay Bridge, speed limit is 5 mph
 - In the Locomotive Maintenance Facility area, the speed limit is 5 mph
- Be prepared to stop within 1/2 range of vision
- A brake test shall be made immediately prior to operation on the Jay-Jay Bridge to ensure ability to stop short of the open draw span.
- Extra caution shall be used at all public road crossings outside of the KSC barricades, particularly when moving hazardous materials, in order to protect the Government from unnecessary liability.
 - Suspect Siding road crossing, it is securities responsibility to control highway traffic. The contractor shall contact KSC Security at 867-2121 to coordinate assistance prior to switching operation at this siding.
- The Contractor shall conduct a pre-task briefing prior to movement of the railcars.
 - The conductor shall ensure railroad tracks are clear with no obstructions before movement of railcars and ensure the railcars are placarded properly prior to transit.
 - The conductor shall verify there are at least a railcar between an occupied locomotive and Segment railcar.
 - The contractor shall perform a pre-operational inspection and/or an operational safety inspection of the area for all hazardous operations and all discrepancies shall be documented and cleared where possible.
 - Due to low use, some road crossing signals may not operate normally. In the event of a nonfunctioning signal manual flagging may be required. Engine Whistling Signals, when sounding the signal for public crossings, the first of the long sounds must be started at such point that the signal will be completed by

ending the last sound on the crossing, prolonging it if necessary. The duration of the complete signal must not be less than 10 seconds.

6.0 NASA KSC AVAILABLE RAIL ELEMENTS (MAINTAINED BY NASA)

- 32.5 miles of track that are considered active and will be used for this requirement.
- Thirty-six (quantity: 36) manual-type track switches between Schwartz Road and the Jay Jay Bridge. Operators must use caution to ensure the switches are in the correct position for intended routes.
- Ten (quantity: 10) individual crossing signals between Schwartz Road and the Jay Jay Bridge. NOTE: *none* of the crossing signals are equipped with barricades.

The picture below depicts six Booster Segment railcars with spacer cars and one of the NASA locomotives traversing the Jay Jay Bridge.



The pictures below depict some sections of the active rail system and railcar staging/storage sites on KSC. The maintenance and repair of the tracks and other items associated with the rail system will be maintained and repaired in compliance with the Unified Facilities Criteria (UFC) 4-860-3, Railroad Track Maintenance and Safety Standards requirements.



General Section of KSC Track



Main and Side Track Staging at West Wilson Yard Site

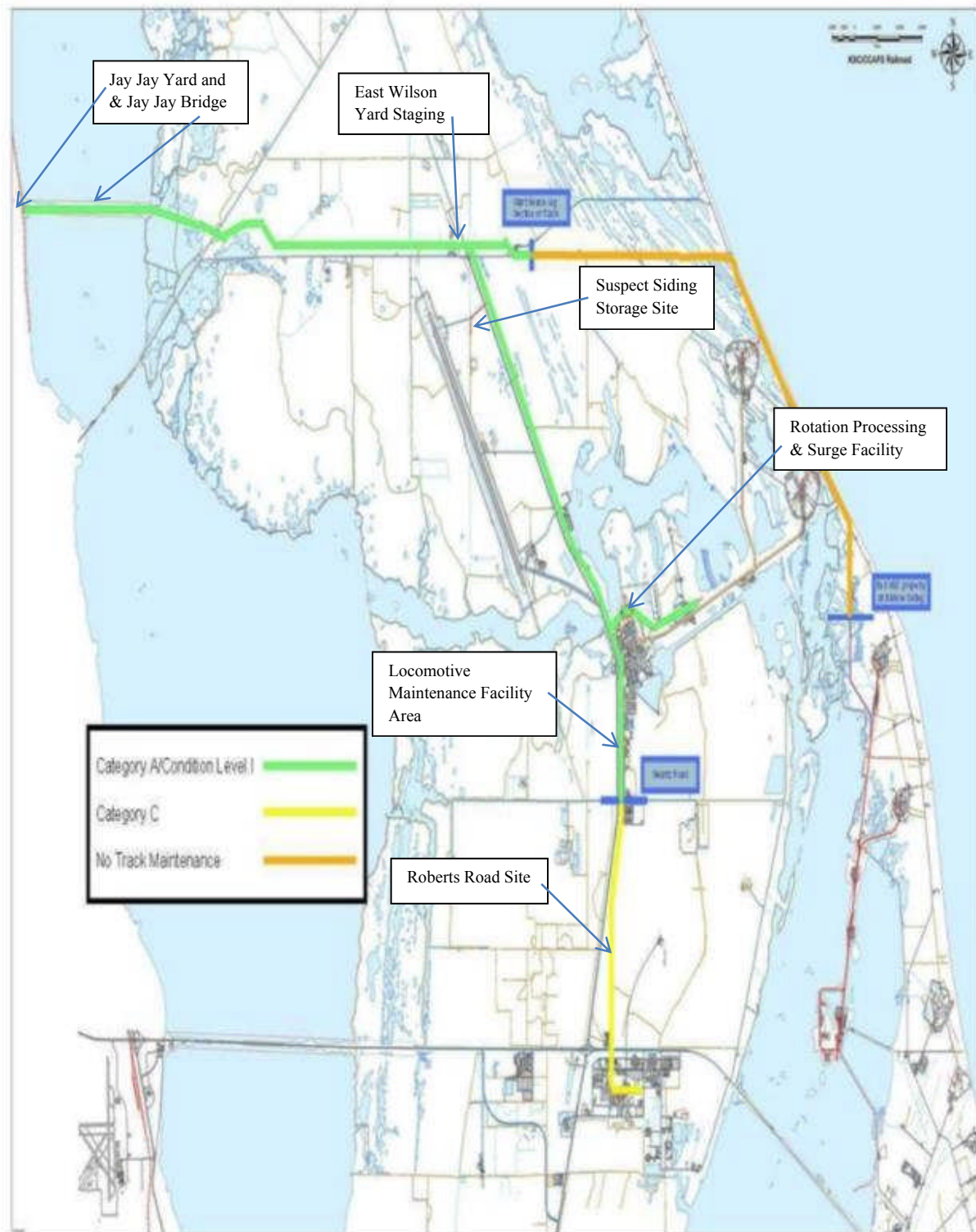


Track section leaving the north side of the
Locomotive Maintenance Facility Area



Manual Track Switch Operations

7.0 RAIL SYSTEM OPERATIONAL GEOGRAPHY



8.0 OTHER RAIL SYSTEM KEY ELEMENTS (MAINTAINED BY NASA)



Jay Jay Bridge in Up Position



Jay Jay Bridge in Down Position



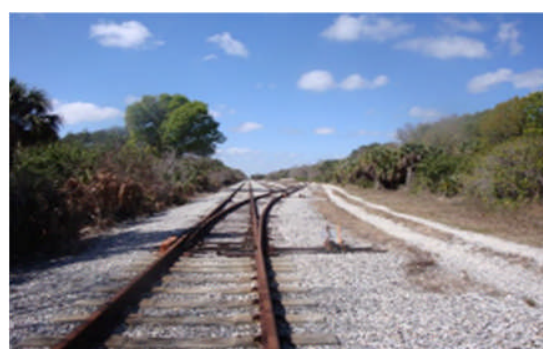
Suspect Siding Booster Segment Car Staging Site



(RPSF) – The “Shuttle Wagon” shown is not available. Although not pictured, a spacer car is required for the movement of Booster cars to the RPSF



LMF Area



Mainline track switch to 3 spurs at East Wilson Yard Staging Site